

FILE NOTATIONS

Entered in NID File

✓

Entered On S R Sheet

Location Map Pinned

✓

Card Indexed

✓

I W R for State or Fee Land

Checked by Chief

PLS

Copy NID to Field Office

In Unit

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

2-8-62

Location Inspected

OW

✓

WW

TA

Bond released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

4-2-62

Electric Logs (No.)

2

E

I

E-I

✓

GR

GR-N

Micro

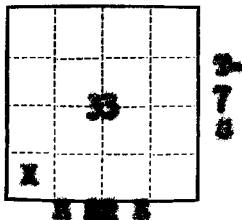
✓

Lat

Mi-L

Sonic

Others



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SALT LAKE CITY**

Lease No. **U-9572**

Unit **Red Wash**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah **December 8**, 19**61**

Well No. **159** is located **660** ft. from **S** line and **660** ft. from **W** line of sec. **33** (approx.)
SW 1/4 **SW 1/4** **33** **T8** **R2E** **SLRM**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash **Uintah** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the **Sally Rushing** above sea level is **5150** ft. (approx.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test well for oil or gas to be completed in the lower Green River Formation.
 10-3/4" casing to be cemented at approximately 225'.
 7" casing to be cemented below lowest productive interval with sufficient cement to reach 4000'.

Top Green River - 2833'
 "K" Point - 3090'
 "X" Point - 3621'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **California Oil Company, Western Division**

Address **P. O. Box 455**

Vernal, Utah

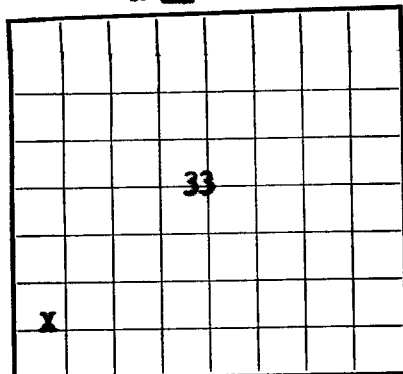
Original Signed by
R. W. PATTERSON

By **R. W. PATTERSON**

Title **Field Superintendent**

USGS, RC-3; G4002, RC-1; Galf, Denver-1; Galkins-1; RC-1; File-1

Form 9-330 R 22 E



LOCATE WELL CORRECTLY

For proved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE **Salt Lake City**
 SERIAL NUMBER **U-0571**
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **California Oil Co., Western Div.** Address **P. O. Box 455, Vernal, Utah**
 Lessor or Tract **U-0571** Field **Red Wash** State **Utah**
 Well No. **(14-33A) 159** Sec. **33** T. **7S** R. **22E** Meridian **SLBM** County **Uintah**
 Location **708** ft. **N.** of **S** Line and **667** ft. **W.** of **W** Line of **Section 33** Elevation **5222 KB**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed **R. W. PATTERSON** Original Signed by **R. W. PATTERSON**

Date **March 27, 1962**Title **Field Superintendent**

The summary on this page is for the condition of the well at above date.

Commenced drilling **December 16**, 19**61** Finished drilling **January 18**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5654** to _____ No. 4, from _____ to _____
 No. 2, from **5684** to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

8 Abrasit-Jet Holes

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Purpose
10-3/4	40.5	8	Youngstown	222'	Blaker	5654'	to 5684'
7	33	8	Youngstown	400'	Blaker	5684'	to 5714'

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	222'	175 sacks common			
7	5852'	400 sacks common			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ~~Surface~~ feet to **5853** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19____ Put to producing **February 8**, 19**62**
 The production for the first 24 hours was **350** barrels of fluid of which ^{34%}**97** % was oil; _____ %
 emulsion; ¹⁰**3** % water; and _____ % sediment. Gravity, °Bé. **26.1**
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. K. Morse _____, Driller **J. H. Gregory** _____, Driller
T. J. McKinney _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2848	2848	Shale and Sand
2848	5853	3005	Sand and Shale
<u>Formation</u>	<u>Depth</u>	<u>Datum</u>	
Top Green River	2848'	(+2375')	
H Corr. Pt.	5068'	(+155')	
I Corr. Pt.	5238'	(-15')	
J Corr. Pt.	5500'	(-277')	
K Corr. Pt.	5640'	(-417')	
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

WELL NO: 159 (14-33A)

PROPERTY: SECTION 33A

RED WASH FIELD

HISTORY OF OIL AND GAS WELL

Kerr-McGee Oil Industries, Inc. moved in and rigged up. Spudded at 12:01 A.M. December 16, 1961. Drilled 15" hole to 225'. Cemented 10-3/4" casing at 222' with 175 sacks common cement.

December 17 - January 2, 1962
Drilled 9" hole to 5636'.

January 2, 1962
Started cutting Core #1 at 5636'. Cored to 5644'.

January 3, 1962
Finished cutting Core #1 - 5644-5687'. Cut and recovered 51'. 30' sandstone, 18' shale, and 3' siltstone.

January 4, 1962
Cutting Core #2 - 5687' to 5726'. Cut and recovered 39'. 13' sandstone, 17' shale, and 9' siltstone.

January 5, 1962
Drilled 9" hole 5726 - 5820'.

January 6, 1962
Drilled 9" hole 5820 - 5853'. Ran Schlumberger IES and ML logs. Conditioned hole to run casing.

January 7, 1962
Cemented 7" casing at 5852' with 400 sacks common cement. WOC 11:15 A.M.

January 8, 1962
Ran McCullough gamma ray collar log. RIH tubing. Released rig 7:00 A.M.

January 14, 1962
Moved in R&R Well Service.

January 15, 1962
Located collars and cut 8 holes at 5684'. Acidized with 200 gallons mud acid. Frac'd down 7" casing with 12,000 gallons BF #5 containing 12,000# 20-40 sand, 600# 12-16 aluminum pellets and 0.05#/gal Adomite. Used 3 Allison pumps. Avg rate - 38 BPM. Avg pressure - 1700 psi.

January 16, 1962
Cleaned out to 5829'. Set magnesium bridge plug at 5670'. Cut 8 holes at 5654'. Acidized with 200 gallons mud acid.

January 17, 1962
Frac'd holes at 5654' down 7" casing with 14,000 gallons BF #5 containing 15,000# 20-40 sand, 600# aluminum pellets and 0.05#/gal Adomite. Used 3 Allison pumps. Avg rate - 34 BPM. Avg pressure - 2100 psi. Cleaned out to 5829'.

January 18, 1962
Ran tubing and landed at 5636'. Released rig 1:00 P.M. Ran 72 hour depth pressure survey. Put well on production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TWO COPIES
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0571

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

Unit #159 (14-33A)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 33, T7S, R22E, S1E4

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chevron Oil Company, Western Div.

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

708' FSL and 667' FWL, Sec. 33, T7S, R22E, S1E4

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5223 KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

Exclude Water Entry

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to locate zones of water entry and exclude same at subject well.

1. Run Radioactive Production Survey while swab testing perfs 5654 (K) and 5688 (KA) to determine which are water productive.

2. Cement squeeze water productive sand.

3. Clean out and return well to production.

Present Production: 2 BOPD, 194 BWPD, 44 MCFD.

18. I hereby certify that the foregoing is true and correct

Original Signed by

SIGNED R. W. PATTERSON

TITLE Unit Superintendent

DATE 8-17-66

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

USGS, SLC-3; OAGCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-9571	
2. NAME OF OPERATOR Chevron Oil Company, Western Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 455, Vernal, Utah		7. UNIT AGREEMENT NAME Red Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 708' FWL and 667' FWL, Sec. 33, T7S, R22E, S14N		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. Unit #130 (14-33A)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5223 KB		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T7S, R22E, S14N	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Other) **Exclude Water Entry** ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following work was completed on subject well as of 7-16-66.

- 1. Run Select Services Radioactive Production Survey. Swab tested perfs 5634 (K) and 5684 (K_A).**
- 2. Pumped into K and K_A perfs.**
- 3. Cement squeezed perf 5684 (K_A) to exclude water.**
- 4. Cleaned out and returned well to production.**

Prior Production: 2 BWPD, 194 MWPD, 44 MEWD.**Production After Job: 23 BWPD, 136 MWPD, 30 MEWD.**

18. I hereby certify that the foregoing is true and correct

SIGNED **R. W. PATTERSON**TITLE **Unit Superintendent**DATE **8-23-66****R. W. PATTERSON**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; OAGCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caultkins-1; Humble, Denver-1; File-1

15269

Rwu 159

Sec 33, Tfs, R22E

Hubly 5/8/23

N

well head



Pump jack pad

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Red Wash
2. NAME OF OPERATOR Chevron U.S.A. Inc, Room 13097	8. FARM OR LEASE NAME Red Wash Unit
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201	9. WELL NO. Red Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 708' FSL, 667' FWL SWSW	10. FIELD AND POOL, OR WILDCAT RWU #159 (14-33A)
14. PERMIT NO. 43-047-15269	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T7S, R22E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 5223 GL: 5210	12. COUNTY OR PARISH Uintah
	13. STATE Utah

18.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to P&A RWU #159 as follows:

1. MIRU. N/U & test BOPE. POOH w/kill string.
2. C/O to PBTD @ 5663'.
3. Set CICR @ 5600'. Cmt sq perfs @ 5654' w/100 sx cmt. Leave 50' cmt on top of CICR. Press test csg to 500 psi.
4. Roll hole w/9.0 ppg mud.
5. Perf Green River-Uintah interface @ 3005' w/4 spf. Depth from Schl. IEL log of 1-6-62 Run #1.
6. Set CICR @ 2950'. Cmt squeeze perf @ 3005 w/100 sx cmt. Leave 50' cmt on top of CICR.
7. Press test 10-3/4' x 7" annulus. Cmt squeeze w/50 sx if rate is est. (200 psi max).
8. Set surf plug from 300' to surface.
9. N/D BOPE. Cut off wellhead & install dry hole marker.
10. RDMOL. Rehab location.

3 - BLM
3 - State
1 - BIA
1 - EEM
1 - MKD
2 - Drlg
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED J. S. Watson TITLE Technical Assistant DATE 10-6-89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 10-17-89
BY: John R. Bay

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.)
Use "APPLICATION FOR PERMIT—" for such proposals.

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0571	
2. NAME OF OPERATOR Chevron U.S.A. Inc., Room 13097		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 708' FSL & 667' FWL SW $\frac{1}{4}$ SW $\frac{1}{4}$		8. FARM OR LEASE NAME Red Wash Unit	
14. PERMIT NO. 43-047-15269		9. WELL NO. RWU #159 (14-33A)	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB: 5,223' GL: 5,210'		10. FIELD AND POOL, OR WILDCAT Red Wash-Green River	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T7S, R22E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RWU #159 was plugged and abandoned as follows:

1. MIRU Gudac WSU 12/8/89. ND WH. NU & tst. BOPE. POOH w/kill string
2. Ran GR-JB to PBTD @ 5,663'. Set CICR @ 5,590'.
3. Cmt. sqzd. perfs @ 5,654' & 5,684' w/100 sxs. cl H cmt. Leave 50' of cmt on CICR @ 5,590'.
4. Displaced hole w/9.0# ppg. MUD.
5. Perfd @ 3,070' w/4" csg. gun, 4 spf. Set CICR @ 3,020'. Cmt. sqzd. perfs w/100 sxs. cl H cmt, leave 50' of cmt. on CICR @ 3,020'.
6. Perfd @ 210' w/4 spf, 4" csg. gun.
7. Pmp'd. 110 sxs. cl H cmt. dwn. 7" & up 7" X 10 3/4" annulus f/210' to surface. (Leave cmt. inside & outside 7" csg. f/210' to surface.)
8. Cut off WH. Install dry hole marker.
9. RD Gudac WSU 12/11/89.
10. TWOTP for loc. rehab.

3-BLM 1-COS
3-State 1-File
2-Partners
1-EEM
1-MKD
2-Dr1g.
1-PLM
1-Sec.724C
1-Sec.724P

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-MICROFILM	
3-FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Technical Assistant

DATE

12/19/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE

*See Instructions on Reverse Side

API #43-047-75269

Form 9-593
(April 1952)

RECEIVED
 AUG 25 1966
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 DIV. OF OIL, GAS & MINING
 GEOLOGICAL SURVEY
 CONSERVATION DIVISION

33
 T. 7 S.
 R. 22 E.
 S. L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date August 29, 1966Ref. No. 53

Land office Utah State Utah
 Serial No. 0571 County Uintah
 Lessee Lynn S. Richards Field Red Wash (Unit)
 Operator Chevron Oil Company District Salt Lake City
 Well No. 159 (14-33A) Subdivision NE1/4SW1/4
 Location 708' from S. line and 667' from W. line of sec. 33
 Drilling approved December 12, 19 61 Well elevation 5222 KB feet
 Drilling commenced December 16, 19 61 Total depth 5853 FB 5829 feet
 Drilling ceased January 18, 19 62 Initial production 340 BO & 10 BWPD
 Completed for production Feb. 8, 19 62 Gravity A. P. I. 26.1°
 Abandonment approved March 9, 1994 Initial R. P.

Geologic Formations

Productive Horizons

Surface	Lowest tested	Name	Depths	Contents
Duchesne River	Green River	Green River	5654, -5684'	Oil

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1961												Drig
1962	Tstg	POW										
1989												ABD
1994			P&A									

REMARKS

(REPLACEMENT)

(OVER)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other MULTIPLE WELLS SEE ATTACHED LIST	5. Lease Designation and Serial No. 6. If Indian, Allottee or Tribe Name N/A 7. If Unit or CA, Agreement Designation RED WASH UNIT I-SEC NO 761 8. Well Name and No. 9. API Well No. 10. Field and Pool, or Exploratory Area RED WASH - GREEN RIVER 11. County or Parish, State UINTAH, UTAH
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address and Telephone No 11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.
By: Mitchell L. Sollich
President

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DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed A. E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0116	4304715258	144 (21-18B) RED WAS NENW	18	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715259	145 (24-13B) RED WAS SESW	13	T	7S	R23E OSI	CHEVRON U S A INCORPORATED	
UTU0559	4304716492	146 (12-21A) RED WAS SWNW	21	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU081	4304715260	147 (22-22B) RED WAS SENW	22	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715261	148 (13-22B) RED WAS NWSW	22	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0571	4304715262	149 (21-33A) RED WAS NENW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02148	4304715145	15 (32-17C) RED WASH SWNE	17	T	7S	R24E PGW	CHEVRON U S A INCORPORATED	
UTU081	4304715263	150 (31-22B) RED WAS NWNE	22	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715264	151 (42-14B) RED WAS SENE	14	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU02148	4304716493	152 (41-17C) RED WAS NENE	17	T	7S	R24E P+A	CHEVRON U S A INCORPORATED	
UTU02025	4304715265	153 (14-29B) RED WAS SWSW	29	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
STATE	4304716494	154 (41-32B) RED WAS NENE	32	T	7S	R23E P+A	CHEVRON USA INC	
UTU0571	4304715266	155 (23-33A) RED WAS NESW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU081	4304715267	156 (23-15B) RED WAS NESW	15	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU02025	4304715268	158 (32-30B) RED WAS SWNE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0571	4304715269	159 (14-33A) RED WAS SWSW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304716475	16 (43-28B) RED WASH NESE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715270	160 (32-15B) RED WAS SWNE	15	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU02030	4304715271	161 (14-20B) RED WAS SWSW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715272	162 (12-20B) RED WAS SWNW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715273	163 (34-33A) RED WAS SWSE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02025	4304715274	164 (12-28B) RED WAS SWNW	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0566	4304715275	165 (32-26B) RED WAS SWNE	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0562	4304715276	166 (23-14A) RED WAS NESW	14	T	7S	R22E ABB	CHEVRON U S A INCORPORATED	
UTU0567	4304715277	167 (23-21B) RED WAS NESW	21	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU082	4304715278	168 (23-24B) RED WAS NESW	24	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304715146	17 (41-20B) RED WASH NENE	20	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304716495	170 (41-15B) RED WAS NENE	15	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715279	171 (32-33A) RED WAS SWNE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304715280	172 (21-30B) RED WAS NENW	30	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304716496	173 (21-21B) RED WAS NENW	21	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0933	4304715281	174 (21-20B) RED WAS NENW	20	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0558	4304715282	175 (34-28A) RED WAS SWSE	28	T	7S	R22E ABB	CHEVRON U S A INCORPORATED	
UTU02030	4304715283	176 (31-28B) RED WAS NWNE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715284	177 (42-28B) RED WAS SENE	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715285	178 (22-13B) RED WAS SENW	13	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715286	179 (43-33A) RED WAS NESE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02149	4304715147	18 (41-19C) RED WASH NENE	19	T	7S	R24E ABB	CHEVRON U S A INCORPORATED	
UTU082	4304715287	180 (31-23B) RED WAS NWNE	23	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02025	4304715288	181 (34-30B) RED WAS SWSE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0933	4304716497	182 (14-21B) RED WAS SWSW	21	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715289	183 (33-13B) RED WAS NWSE	13	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0566	4304715290	184 (23-26B) RED WAS NESW	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304716498	185 (41-14B) RED WAS NENE	14	T	7S	R23E WIWSI	CHEVRON U S A INCORPORATED	
UTU02030	4304716499	186 (12-30B) RED WAS SWNW	30	T	7S	R23E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304715291	188 (23-20B) RED WAS NESW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
STATE	4304715292	189 (41-16B) RED WAS NENE	16	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0566	4304715148	19 (34-26B) RED WASH SWSE	26	T	7S	R23E GSI	CHEVRON U S A INCORPORATED	
UTU0560	4304716500	190 (34-29A) RED WAS SWSE	29	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5-SP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01-01-2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 166 (23-14A)	43-047-15276	5670	14-07S-22E	FEDERAL	OW	PA
RWU 146 (12-21A)	43-047-16492	99998	21-07S-22E	FEDERAL	OW	PA
RWU 175 (34-28A)	43-047-15282	5670	28-07S-22E	FEDERAL	OW	PA
RWU 149 (21-33A)	43-047-15262	5670	33-07S-22E	FEDERAL	OW	PA
RWU 155 (23-33A)	43-047-15266	5670	33-07S-22E	FEDERAL	OW	PA
RWU 159 (14-33A)	43-047-15269	5670	33-07S-22E	FEDERAL	OW	PA
RWU 163 (34-33A)	43-047-15273	5670	33-07S-22E	FEDERAL	OW	PA
RWU 171 (32-33A)	43-047-15279	5670	33-07S-22E	FEDERAL	OW	PA
RWU 160 (32-15B)	43-047-15270	5670	15-07S-23E	FEDERAL	OW	P
RWU 162 (12-20B)	43-047-15272	5670	20-07S-23E	FEDERAL	OW	TA
RWU 17 (41-20B)	43-047-15146	5670	20-07S-23E	FEDERAL	OW	TA
RWU 167 (23-21B)	43-047-15277	5670	21-07S-23E	FEDERAL	OW	P
RWU 147 (22-22B)	43-047-15260	5670	22-07S-23E	FEDERAL	OW	P
RWU 168 (23-24B)	43-047-15278	5670	24-07S-23E	FEDERAL	OW	TA
RWU 165 (32-26B)	43-047-15275	5670	26-07S-23E	FEDERAL	GW	S
RWU 164 (12-28B)	43-047-15274	5670	28-07S-23E	FEDERAL	OW	P
RWU 153 (14-29B)	43-047-15265	5670	29-07S-23E	FEDERAL	OW	P
RWU 158 (32-30B)	43-047-15268	5670	30-07S-23E	FEDERAL	OW	P
RWU 172 (21-30B)	43-047-15280	5670	30-07S-23E	FEDERAL	OW	TA
RWU 154 (41-32B)	43-047-16494	5670	32-07S-23E	FEDERAL	OW	PA
RWU 15 (32-17C)	43-047-15145	99998	17-07S-24E	FEDERAL	OW	P
RWU 152 (41-17C)	43-047-16493	5670	17-07S-24E	FEDERAL	GW	PA

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:12-30-19992. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/11/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/11/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:
